

Bureau of State Laboratory Services Office of Laboratory Licensure, Certification & Training

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JANE DEE HULL, GOVERNOR James R. Allen, MD, MPH, DIRECTOR

DATE: April 7, 1995

TO: Laboratory Director and QA Manager

FROM: Wesley B. Press, Bureau Chief

SUBJECT: Information Update #8

NOTE: If any problems occur with this web site, please call (602) 364-0720. Thank

you.

- 1. For information about public hearings, meetings, events and rule changes at ADEQ, call the ADEQ Automated Information Line at (602) 207-4300.
- 2. Late April is the new target date EPA has set for proposing normal hexane as a replacement for CFC-113 and a new extraction gravimetric method pending a final round of administrative approvals. The EPA expects to finalize the proposal in August. EPA is proposing method 1664 "N-Hexane Extractable Material (HEM) and Silica Gel Treated N-Hexane Extractable Material (SGT-HEM) by Extraction and Gravimetry (Oil and Grease Total Petroleum Hydrocarbons)" in place of EPA methods 413.1 and 413.2. A copy of the method can be obtained by calling 1-800-420-5764 for a cost of \$30.00.

The EPA has been experimenting with another solvent, following poor results using n-hexane, with infrared techniques.

- 3. Some more highlights from Technical Notes;
 - A. Standard Method 4500-cl-E, Chlorine Residuals, has a typographical error on page 4-43 of the 18th edition of <u>Standard Methods</u>. The correct formula must have a factor of 0.00564, which is 10 times greater than the factor printed in the incorrect formula.
 - B. The simplified procedure for total residual chlorine in drinking water, which uses DPD chemistry, was omitted from SM 4500-cl-G (18th ed., para. 4, p. 4-46). EPA has corrected the error. See Technical Notes page 25 for the correction.
 - C. EPA will permit a grab sample method, which is approved for chlorine residual monitoring to be adapted for continuous monitoring of free or total chlorine residuals provided the chemistry,

accuracy, and precision of the method are unchanged. See Technical Notes, page 26 for details.

- 4. The free Teleconference "The Milwaukee Cryptosporidium Outbreak: Two Years Later" is scheduled for Thursday, April 20, 1995, 10 am 12 Noon at 3443 North Central, 8th floor training room. The topics to be covered include: The outbreak, epidemiologic investigation, cost impact, laboratory procedures, interaction with the Wisconsin State Laboratory, and EPA regulations. A post test can be taken after the teleconference to receive a certificate. If you are interested in attending, please call Charmaine D'Souza, Technical Resources and Training at 255-3454.
- 5. The Arizona State Laboratory Services is coordinating a laboratory forum addressing organic methods. This training event will be held for three days in October 1995. This workshop will cover Volatile Organic Compounds (VOCs) as well as Synthetic Organic Compounds (SOCs). We are proposing the format of the workshop to be:

Day One: Extractions and sample preparation

Day Two: Instrumentation Day Three: Data reduction

To make this workshop more meaningful to you, we are requesting your input in preparing the agenda. This will assist us in developing the focus of this laboratory forum. Please fax or mail your response to us by April 28, 1995. All responses after the deadline will not be considered due to the lead time necessary for preparation. Fax responses to (602) 255-3462 or mail to:

Office of Laboratory Licensure, Certification and Training 3443 North Central Avenue, Suite #810 Phoenix, AZ. 85012

Please Note: If you have already responded to our previous request, you need not respond again.

List the organic methods for which you would like more general and/or trouble shooting information. Please be specific:

Which analytical methodologies and instrumentation would you like addressed:

If these proposed topics are not of interest to you, please indicate below the training issues of your choice. Please be specific.

Thank you for your input and assistance in helping us develop training programs suited to meet your needs.

6. If you have any questions regarding the Updates, please call Prabha Acharya, Program manager, Technical Resources and Training, at the above numbers.

THIS MESSAGE AVAILABLE IN ALTERNATIVE FORMAT UPON REQUEST, BY CONTACTING: WESLEY PRESS AT (602) 542-0357